



**US Environmental Protection Agency  
Region II  
EXPEDITED REMOVAL ASSESSMENT CRITERIA**

<b>SITE NAME</b>	RIVERSIDE AVENUE SITE		
<b>Date of Report</b>	12-3-99	<b>Removal Eligible (yes/no)</b>	YES
<b>SITE ID No.</b>		<b>CERCLIS/RCRIS NO.</b>	

<b>Location:</b> {street, block, lot, city, county, state, zip code, Longitude, Latitude}	29 Riverside Avenue, Newark, NJ 07104 Essex County		
<b>Mailing Address</b>	Same as above		
<b>Abandoned (date)</b>	Drums discovered by DEP on 11-24-99		
<b>EPA Investigators (Name &amp; Phone #)</b>	Ferriola/Banner (732) 321-4342/4348	<b>Date of Investigation</b>	12-2-99 (EPA)
<b>State Investigators (Name &amp; Phone #)</b>	Hayder Camargo/Bill Charleton (973) 669-3955	<b>Date of State Response</b>	11-24-99
<b>State Case No.</b>	99-11-23-1455-17	<b>NRC Case No.</b>	N/A
<b>ERNS Case No.</b>	00-0170		
<b>State Referral Date:</b>	Verbal referral on 12/1/99		
<b>Contact for Access to Property (facility, state, local) (phone #)</b>	Robert Swales-City of Newark (973) 733-3664		
<b>Directions to site (narrative) (Enclose copy of map at end of report)</b>	Route 21 North to Riverside Drive/Chester Street Exit (Left hand exit) Route 21 South to Chester Street Exit. Left @ Stop sign. Follow straight to fenced in yard in front of you (chemical complex). Go thru gate and head towards Passaic River. Make right and follow river south. Drums are located about 500 feet down on this roadway in front of an abandoned building		
<b>Access Agreement (Verbal, Written, None, Any problems gaining access? If so, was an attorney assigned for the site? EPA Attorney's name &amp; phone number)</b>	Verbal access with the City of Newark (Bob Swales). The City of Newark foreclosed on this one piece of property where the drums are staged.		

**A. Site History (Short Narrative describing the origination of the site)**

currently  
Industrial  
complex, formerly

plate glass (PPG)

The Site was formerly owned by Pittsburgh ~~paints~~. The property now houses several buildings which have been bought by various chemical companies. The City of Newark has foreclosed on some of the properties. The major companies on-site are: Haba, Federal Refining, Chemical Compounds, Frey, and Ardmore. Frey is leaving the Site (by 12/31/99) as per a foreclosure by the City of Newark.

An abandoned trailer was discovered on the property by the NJDEP on November 23, 1999. NJDEP initiated a response action on 11/23/99 due to the discovery of severely corroded drums. Two other trailers were also found on the property, however, these trailers were claimed by two of the current tenants. NJDEP activated their emergency response contractor on 11/29/99 to stabilize the Site. Each of the drums was removed from the trailer and placed into secondary containment (salvage drums). An estimated 160 containers were discovered and overpacked by their contractor, S&D Environmental and staged adjacent to an abandoned building owned by the City of Newark

Approximately 50 of the drums were on-site hazard categorized (Hazcatted) and found to contain corrosives, flammable liquids, oxidizers and several other named compounds (i.e. hydrofluoric acid, sulfonic acid, tetra aldehyde, dichloro-amino-benzothiazole, hydro pyran, and others).

**B. Site Characteristics**

**1. Physical Location**

<b>Type of Site (Industrial, Commercial, residential etc.)</b>	Industrial site along the Passaic River. <b>Abandoned trailer discovered by the NJDEP</b>
<b>Current Operations</b>	Various chemical manufacturers/brokers
<b>Past Operations</b>	Pittsburgh <del>Paints</del> <sup>plate glass (PPG)</sup> in 1970s.

<b>Nature of Neighborhood</b> ( <i>industrial, commercial, rural , suburban. Describe the pedestrian and vehicular traffic, is it a highway, is the area deserted etc.</i> )	Industrial/residential setting in Newark.
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## 2. Physical Characteristics

<b>Size of Property</b>	unknown at this time	<b>Number of Buildings</b>	Unknown
<b>Size of Bldgs, number of floors, basement</b>	N/A-abandoned trailer found at 29 Riverside. Location of multiple chemical companies		
<b>Building Drains</b> ( <i>describe any evidence of potential discharge from the building and direction of flow, e.g sanitary sewer, are drain outfalls directed to a stream or other sensitive area, etc.</i> )	N/A		
<b>Building Construction</b> ( <i>Roof: Wood, metal Walls: Masonry, wood Floor: Concrete, wood</i> )	Several buildings are severely deteriorated, broken glass windows, leaking roofs, flooded floors		
<b>Fire Protection systems</b> ( <i>indicate if operational</i> )			
<b>System automatic</b> <b>Yes/No</b>			
<b>Other Physical Hazards</b> ( <i>stability of the terrain, stability of stacked material</i> )			
<b>Space availability for vehicles trailers, staging of drums, equipment, etc.</b>	Yes, but limited since there are several different active chemical companies.		

### 3. Site Conditions

<b><i>Structural Integrity of Building/Structures</i></b> <b><i>( e.g. holes in the roof, past fires, evidence of past damage, water damage, obstacles to site entry)</i></b>	N/A
<b><i>Evidence of Public Entry (graffiti, vagrants, dumping etc.)</i></b>	Property is fenced with security during off hours (ie. 6PM-6AM, weekends)
<b><i>Housekeeping</i></b> <b><i>(Evidence of stains on ground, discolored water, pools of liquid on the ground, debris)</i></b>	
<b><i>Occupancy (hours occupied)</i></b>	Normally 6AM-6PM, uncertain whether other chemical companies operate on weekends.
<b><i>Utilities</i></b> <b><i>Power/gas/water (On/off)</i></b> <b><i>Is there a fire hydrant nearby?</i></b>	On-site
<b><i>Lighting</i></b> <b><i>( need of portable lights in order to work in the affected area?)</i></b>	Drums are staged outdoors
<b><i>Natural Hazards</i></b> <b><i>(e.g. poison ivy, poisonous snakes, stray dogs )</i></b>	
<b><i>Other hazardous substance indicators</i></b> <b><i>(e.g. Dead fish, animals, vegetation; fissures or cracks in solid surfaces to expose deep waste layers, cleared land areas, pits, possible landfilled areas, pools of liquids, distinct odors, anything unusual)</i></b>	

#### 4. Security

<b><i>Fencing (complete, partial, type, number of gates)</i></b>	Fenced on three sides, borders Passaic River on East.
<b><i>Condition of fences (holes in fence)</i></b>	Very good, gate locked
<b><i>Other means of site access (open door, windows etc)</i></b>	Abandoned buildings, vandalism evident
<b><i>Security Guard/Service (Type, shift hours)</i></b>	Yes, 6PM-6AM. 24 hours on weekends

#### 5. Migration Pathways and Potential Receptors

<b><i>Sewers (Storm or sanitary and distance from site)</i></b>	Both on site
<b><i>Waterway, Confluences, Water intakes, drinking water wells (Distance from site)</i></b>	Passaic river adjacent to site
<b><i>Sensitive ecosystems (wetlands, sanctuaries etc. and distance from site)</i></b>	
<b><i>Human Exposure (playground, nursing homes, schools etc., Distance from site)</i></b>	Located in industrial setting, residential homes across river and to west of site and across RR tracks.
<b><i>Air Pathways (Dust or spray in the air, asbestos, gas generation or effervescence, distinct odors, etc.)</i></b>	Chemical odors present from manufacturing operations from active manufacturing plants

## 6. Instrumentation and Sampling

<i>Significant instrument readings during investigations (List instrument, levels and background)</i>	
<i>Number of samples and type of analysis (e.g. hazcat or lab)</i>	

## 7. Number & Types of Containers

<b>Container</b>	<b>Number and types of Containers (e.g. plastic, wooden, concrete, metal )</b>	<b>Condition of containers (rusting, leaking, bulging, corroded etc.)</b>
<b>55-gal drums</b>	~100 - 55 gallon size	All have been placed in salvage drums by NJDEP
<b>5 - 30 gal containers</b>	8-42 gallon, 14-30 gallon, 28-10 gallon, 10-5 gallon	All drums are either steel, fiber, or poly
<b>&lt;5 gal containers</b>		
<b>Below ground storage tanks (number and sizes; indicate phase levels, etc.)</b>		
<b>Above ground storage tanks (number and sizes; indicate phase levels, etc.)</b>		
<b>Secondary containment (Condition, size and type of construction)</b>	No berms or swales near current drum storage area	
<b>Other (cylinders, explosives, etc.)</b>	None	
<b>Empty containers (number, type and sizes)</b>	None	

## 8. Total Estimated Quantities

<b>CERCLA Hazardous substance</b>	160 containers in varying sizes: 55/42/30/10/5 gallon quantities
<b>OIL</b>	
<b>RCRA</b>	160 containers in varying sizes: 55/42/30/10/5 gallon quantities

## 9. Material Identification

Classification	Substance	Method of Identification (Labels, hazcat, analysis etc)
<b>CERCLA</b> (identify substances, e.g. benzene, PCB, etc.)	<b>Compounds identified by label:</b> Sulfonic acid, hydrofluoric acid, tetra aldehyde, hydropyran, N-amino propyl morpholine, chlorinated benzyl xylid, dichloro amino benzothiazole, hydroxyethyl ethyleneamine, trimethyl cyclohexanol, para-sulpho-phenyl- methyl-parazolone, <i>chromic acid</i>	Labels
<b>Oil</b> (Type)		
<b>RCRA hazardous waste</b>	D001, D002, D003 at a minimum	Labels, Hazcatt analysis

## 10. Evidence of Discharge

<b>Evidence of actual discharge (leaking containers, observation of runoffs, etc.)</b>	Rusted, leaking containers from abandoned trailer were placed in salvage drums by NJDEPs contractor the week of 11/29/99
<b>Potential discharge (Haphazard storage, incompatibility, etc.)</b>	Potential exists for discharge to adjacent Passaic River.
<b>Imminent discharge (e.g. damaged drums located at the edge of waterway, etc.)</b>	All drums were overpacked the week of 11/29/99.

## 11. Pending Actions

<b>Pending Actions to complete investigations (e.g. sampling, hazcat, lab analysis)</b>	Complete sampling and Hazcat ting will need to be performed.
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### C. Site Legal Status

#### 1. Ownership

<i>Status of Site Ownership</i>	
<i>Status of Site Operations</i>	

#### 2. Site Cleanup

<i>Previous Actions</i>	NJDEP performed stabilization activities.
<i>Present Actions</i>	EPA to perform removal action

#### 3. Enforcement Actions:

<i>Records ( records at the site or elsewhere)</i>	
<i>Local</i>	
<i>State</i>	DEP criminal justice department currently has lead enforcement role
<i>EPA</i>	
<i>Other</i>	

#### 4. Suspected PEPS

Name	Address	Phone
Unknown at this time, however, drums were found with the following manufacturer names:		
Union Carbide		
Room & Haas		
Schloven Chemie, NY		



## **E. Other Information**

### **1. List of Contacts/ Other Notifications**

<b>Name</b>	<b>Affiliation</b>	<b>Address</b>	<b>Phone</b>
Hayder Camargo	NJDEP	West Orange, NJ	973-669-3955
Bob Swales	City of Newark	Newark, NJ	973-733-3664
Steve Ogulin	NJ Dept Criminal Justice		973-599-5900/5939
Dave Dillon	EPA-CID	Edison, NJ	732-906-6997

### **2. Additional Information**

Trailer license plate #, Florida registration: L01309  
Great Dane box trailer, VIN 70705

### **3. Site Sketch, Maps, Photographs (append)**

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